Curriculum Vitae

Alisa Surkis
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Education

Year	Degree	Field	Institution
1985	AB	Physics	University of Chicago
1988	MS	Physics	Stanford University
1997	PhD	Neuroscience	New York University
2010	MLS	Library & Information Studies	Queens College, CUNY

Academic Appointments

2011-2014	Library Associate	NYU Health Sciences Library, NYU School of Medicine
2014-2018	Assistant Curator	NYU Health Sciences Library, NYU School of Medicine
2018-	Associate Curator	NYU Health Sciences Library, NYU School of Medicine

Other Professional Positions and Visiting Appointments

1999-2010	Senior Research Analyst, SUNY College of Optometry
2002-2007	Research Consultant, Columbia University
2011-2017	Translational Science Librarian
2015-	Director of Team Science, NYU-H+H Clinical and Translational Science Institute
2016-2017	Head, Data Services, NYU Health Sciences Library
2017-	Assistant Director, Research Data and Metrics, NYU Health Sciences Library
2018-	Vice Chair for Research, NYU Health Sciences Library

Awards and Honors

2016	Donald A.B. Lindberg Research Fellowship, Medical Library Association
2016	AAHSL Data Scholarship, Association of Academic Health Sciences Libraries

Major Committee Assignments

New York University School of Medicine:

2011-2017	NYU-HHC CTSI Evaluation Working Group
2013	NIH Public Access Policy Working Group
2013-2014	Clinical Investigator Development, Education, & Resources Committee
2013-2015	CTSI Team Science Workgroup; Chair
2014-	Research and Data Metrics Subcommittee
2016-2018	Data Capture and Storage Platforms Working Group
2016-2019	Bibliometrics Workgroup, Research Metrics Subcommittee; Co-chair
2016-	Health Sciences Library Management Council
2019-	Health Sciences Library DAPC

New York University, Division of Libraries:

2011-2012	ARL E-science Institute, participant, NYU

National:

2013	Data Management Planning Group, NNLM MAR; Member
2013-2014	CTSA Evaluation Key Function Committee Bibliometrics Workgroup; Co-chair
2015-2019	CTSA Methods & Processes Domain Task Force; member
2016-2019	CTSA Methods & Processes Domain Task Force Team Science Work Group; member

Memberships in Professional Societies
2010- Medical Library Association (MLA); Member

Editorial Positions
2016- Reviewer for Journal of the Medical Library Association
2017- Reviewer for American Medical Informatics Society Meeting
2018- Reviewer for Journal of the American Medical Informatics Association
2018- Reviewer for American Journal of Preventive Medicine
2018- Reviewer for Methods of Information in Medicine
2019- Reviewer for International Journal of Information Management
2019- Reviewer for Scientometrics
2019- Reviewer for Clinical and Translational Science

Teaching Experience
2011- Literature searching, Class for students, postdocs, faculty, 1 hour/year
2012- Introduction to Research Data Management, Class for students, postdocs, faculty, 6 hours/year
2016-2019 Course director and lecturer, Fundamental Research Skills and Tools, required one-credit course for PhD and MD/PhD Sackler students, 37.5 hours/year
2017- Introduction to Matlab, Workshop for PhD and MD/PhD Sackler students, 4 hours/year
2017- Introduction to R, Workshop for faculty, students, postdocs, staff, 18 hours/year
2017- How (and Why) to Talk to a Data Scientist, 4 hours/year
2018- Hands-on Reproducibility Workshop, 7 hours/year
2019- Course director and lecturer, Rigor & Reproducibility, required one-credit course for PhD and MD/PhD Sackler students, 30 hours/year

Major Research Interests

1. Development of innovative curricula and other services and resources to enhance the reproducibility, transparency, and interoperability of research
2. Development of curricula and programs to facilitate and support collaboration, and visualizations and metrics to evaluate the degree and success of collaboration
3. Building on a machine learning approach to translational publication classification to evaluate translation of research

Grant Support

2018- NIH BRAIN Initiative U19: Oxytocin Modulation of Neural Circuit Function and Behavior; Core PI
2017-2018 NNLM Health Sciences Library Project Award; Facilitating the Development of Research Data Management Services at Health Sciences Libraries; PI
2015-2017 NIH BD2K R25; Preparing Medical Librarians to Understand and Teach Research Data Management; PI
2015- NIH Clinical and Translational Science Award; Director of Team Science
2014-2016 NLM Administrative Supplements for Informationist Services Multicultural Community Dementia Screening; Informationist
2014-2016 NLM Administrative Supplements for Informationist Services Synaptic Basis of Perceptual Learning in Primary Auditory Cortex; Informationist
2013-2015 NIH Clinical and Translational Science Award; Key Personnel

2013-2014	NN/LM MAR Medical Library Award; Development of a Service for NIH Public Access Compliance; Co-PI
2012-2014	NLM Administrative Supplements for Informationist Services
	Role of proteases and peptides in cancer pain; Informationist
1996-1997	NIH Supercomputer Biomedical Grant, Pittsburgh Supercomputing Center
1993-1997	NIMH Individual National Research Service Award

Invited Seminars and Lectures

1. "Perspectives in Research Data Management, Bioinformatics, and Open Access", 1-hour class taught for University of North Texas Health Sciences Information Management program, October 30, 2014.
2. "Perspectives in Research Data Management", 4-hour workshop taught as continuing education at Medical Library Association Meeting, Chicago, IL, May 17, 2014.
3. "Perspectives in Research Data Management", 4-hour workshop taught as continuing education at Medical Library Association Meeting, Austin, TX, May 16, 2015.
4. "Perspectives in Research Data Management", 4-hour workshop taught as continuing education at Medical Library Association Meeting, Toronto, ON, May 14, 2016.
5. "Perspectives in Research Data Management", 4-hour workshop taught as continuing education at Association of North Carolina Health and Science Libraries Meeting, October 21, 2016.
6. "Perspectives in Research Data Management", 4-hour workshop taught as continuing education at Medical Library Association Meeting, Seattle, WA, May 27, 2017.
7. "Perspectives in Research Data Management", 4-hour workshop taught as continuing education at Southeastern New York Library Resources Council Meeting, October 10, 2017.
8. "Perspectives in Research Data Management", 4-hour workshop taught as continuing education at Midwest Chapter Medical Library Association Meeting, October 14, 2017.
9. Introduction to Data Science for Non-Data Scientists, 1-hour workshop taught for NYU Health Tech Symposium, May 9, 2019.

Invited National Talks

1. Read KB, **Surkis A.** Facilitating the Development of Research Data Management Services at Health Sciences Libraries. Biomedical and Health Research Data Management for Librarians Capstone Summit. National Institutes of Health, Bethesda, MD. April 2018.
2. **Surkis A**. Developing Data Services in an Academic Medical Center. NY/NJ Medical Library Association Chapter Meeting. New Brunswick, NJ. October 2017.
3. Read KB**, Surkis A**. Scholarly Digital and Data Literacy: Satisfying the Need. National Information Standards Organization (NISO). Webinar. September 2017.
4. Read KB, **Surkis A**. Facilitating the Development of Research Data Management Services at Health Sciences Libraries. National Network of Libraries of Medicine Mid-Atlantic Region. Webinar. July 2017
5. Read KB, **Surkis A**. Preparing Medical Librarians to Understand and Teach Research Data Management. biomedical and healthCAre Data Discovery and Indexing Ecosystem (bioCADDIE). Webinar. June 2017
6. **Surkis A**. Classifying Publications along the Translational Spectrum: A Machine Learning Approach. Association for Clinical and Translational Science Meeting, Washington, DC. April 2015
7. Read KB, **Surkis A**. Building a Data Catalog: Promoting Data Reuse and Collaboration at an Academic Medical Center. biomedical and healthCAre Data Discovery and Indexing Ecosystem (bioCADDIE) Webinar. November 2014

8. **Surkis A**. Development of Library Data Services at an Academic Medical Center. Council on Library and Information Resources/Digital Library Federation E-Research Peer Network and Mentoring Group Webinar. August 2014

9. **Surkis A**. Data Management: First Steps, Shifting Sands. NN/LM MAR Research Data Management Symposium: Doing It Your Way: Approaches to Research Data Management for Libraries, New York, NY. April 2014.

10. **Surkis A**, McCrillis A, McGowan R, Bakker T, and Hanson K. New York University Health Sciences Libraries: A Tale of Two Teams. UMass Professional Development Day: Embedded with the Scientists: Librarians' Roles in the Research Process, Worcester, MA. November 2012.

Bibliography

Educational Resources

1. Read K, **Surkis A**. Research Data Management Teaching Toolkit [Internet]. 2017; Available from: https://doi.org/10.6084/m9.figshare.5042998.v3.

   Curricular material (slides, script, evaluation materials) for teaching an introductory research data management class. Developed with R25 grant, NIH Big Data to Knowledge (BD2K) Initiative.

2. Read KB, Contaxis N, **Surkis A.** Research Data Management Hands on Workshop [Internet]. 2017; Available from: https://osf.io/fms4u/

   Curricular material for teaching hands-on research data management class. Includes data files (EEG, MRI, behavioral, administrative) for scenario requiring application of research data management skills.

3. Read KB, Larson C, Yacobucci K, Oh SY, **Surkis A.** Research Data Management Modules [Internet]. 2016; Available from: http://compass.iime.cloud/mix/G3X5E/

   Eight online modules designed to educate health sciences librarians research data management and the culture and practice of research. Developed with R25 grant, NIH BD2K Initiative.

4. Hanson KL, Read KB, **Surkis A.** How to Avoid a Data Management Nightmare [Internet]. 2014; Available from: https://www.youtube.com/watch?v=nNBiCcBlwRA&t=7s.

   Short video (4:46) to highlight data management issues in clinical research.

5. **Surkis A**, and Mannon L. NIH Public Access Policy and Your Grant [Internet]. 2012: Available from: https://www.brainshark.com/nyulmc/vu?pi=zJ5zr7tKsz2vpuz0

   Short video (7:34) to explain the latest process for the NIH Public Access Policy.

6. Hanson KL, **Surkis A**, Yacobucci K. Data Sharing and Management Snafu in Three Short Acts [Internet]. 2012: Available from: https://www.youtube.com/watch?v=N2zK3sAtr-4&t=2s.

   Short video (4:40) to highlight common issues in data management and sharing.

Other Resources

1. NYU Data Catalog [2014]. Available from: http://datacatalog.med.nyu.edu.

   Website for NYU Data Catalog. From May 2015 to January 2018:
   53,471 page views, 11,810 users, 15,514 sessions.

2. Read KB, Contaxis N, Lamb I, Larson C, LaPolla FWZ, **Surkis A.** NYU Data Catalog [Internet]. 2016: Available from: https://osf.io/vg7rn/

Site that contains the documentation for the NYU Data Catalog, including the metadata schema, and a link to the code that is publicly available on GitHub. As of December 2017, six other institutions have downloaded and have implemented or are implementing the catalog.

Peer-Reviewed Articles

1. Read KB, Koos J, Miller RS, Miller CF, Phillips GA, Scheinfeld L, **Surkis A**. A model for initiating research data management services at academic libraries. JMLA 2019 July; 107(3):432-441.

2. Read KB, Larson C, Gillespie C, Oh SY, **Surkis A**. A two-tiered curriculum to improve data management practices for researchers. PLoS ONE 2019 May 1; 14(5): e0215509.

3. Major V, **Surkis A**, Aphinyanaphongs Y. Utility of General and Specific Word Embeddings for Classifying Translational Stages of Research. AMIA Annu Symp Proc. 2018 Dec 5; 2018:1405-1414.

4. **Surkis A**, Spore S. The Relative Citation Ratio: What is it and why should medical librarians care? Journal of the Medical Library Association: JMLA 2018 Oct; 106(4):508-513.

5. **Surkis A**, LaPolla FW, Contaxis N, Read KB. Data Day to Day: building a community of expertise to address data skills gaps in an academic medical center. Journal of the Medical Library Association: JMLA 2017; 105:185-91.

6. Read KB, LaPolla FW, Tolea MI, Galvin JE, **Surkis A.** Improving data collection, documentation, and workflow in a dementia screening study. Journal of the Medical Library Association: JMLA 2017; 105:160-6.

7. **Surkis A**, Hogle JA, DiazGranados D, Hunt JD, Mazmanian PE, Connors E, Westaby K, Whipple EC, Adamus T, Mueller M, Aphinyanaphongs Y. Classifying publications from the clinical and translational science award program along the translational research spectrum: a machine learning approach. Journal of translational medicine 2016; 14:235.

8. Read KB, **Surkis A**, Larson C, et al. Starting the data conversation: informing data services at an academic health sciences library. Journal of the Medical Library Association 2015;103:131-5.

9. Read, K.B., Athens, J., Lamb, I., Nicholson, J., Chin, S., Xu, J., Rambo, N., **Surkis, A.** Promoting Data Reuse and Collaboration at an Academic Medical Center. International Journal of Digital Curation 2015;10(1): 260-267.

10. Ogedegbe G, Gyamfi J, Plange-Rhule J, **Surkis A**, Rosenthal DM, Airhenbuwa C, Iwelunmor J, Cooper R. Task shifting interventions for cardiovascular risk reduction in low-income and middle-income countries: a systematic review of randomised controlled trials. BMJ open 2014;4:e005983.

11. Williams J, McCrillis A, McGowan R, Nicholson J, **Surkis A**, Thompson H, Vieira D. Leveraging technology and staffing in developing a new liaison program. Medical reference services quarterly 2014;33:157-66.

12. **Surkis A**, Peskin CS, Tranchina D, Leonard CS. Recovery of cable properties through active and passive modeling of subthreshold membrane responses from laterodorsal tegmental neurons. Journal of neurophysiology 1998;80:2593-607.

13. Sanchez RM, **Surkis A**, Leonard CS. Voltage-clamp analysis and computer simulation of a novel cesium-resistant A-current in guinea pig laterodorsal tegmental neurons. Journal of neurophysiology 1998;79:3111-26.

14. **Surkis A**, Taylor B, Peskin CS, Leonard CS. Quantitative morphology of physiologically identified and intracellularly labeled neurons from the guinea-pig laterodorsal tegmental nucleus in vitro. Neuroscience 1996;74:375-92.

15. Dagenais M, **Surkis A**, Sharfin WF, Winful HG. Intracavity optical bistability due to thermally induced changes in absorption and refraction. IEEE Journal of Quantum Electronics 1985. QE-21(9), 1458-1461.

Invited Articles

1. **Surkis A**, Read K. Research data management. Journal of the Medical Library Association 2015;103(3):154-6.

2. **Surkis A**, Read KB, Lamb I, Athens J, Nicholson J, Chin S, Xu J, Hanson K, Larson C. Building a data catalog: promoting data reuse and collaboration at an academic medical center. Journal of the Medical Library Association 2015;103(4): 229-230.

3. **Surkis A**, McCrillis A, McGowan R, Williams J, Schmidt BL, Rambo N. Informationist support for a study of the role of proteases and peptides in cancer pain. Journal of eScience Librarianship 2013;2(1): 35-40.

Book Chapters

1. **Surkis A**. Assessing Impact Through Publications: Metrics That Tell a Story. In: Conte, M, editor. Translating Expertise: Roles for Librarians in the Translational Research Enterprise. Lanham: Roman & Littlefield Publishers, 2016: 202-216.

2. **Surkis A**, Read K. Building Data Management Services at an Academic Medical Center: An Entrepreneurial Approach. In: Federer, L, editor. The Medical Library Association's Guide to Data Management for Librarians. Lanham: Rowman & Littlefield Publishers, 2016: 247-260.

Conference Paper Presentations

1. **Surkis A.** Collaborations to support data harmonization and discovery in the BRAIN Initiative. Presented at Force2019, 2019 Oct 16-17; Edinburgh, Scotland.

2. **Surkis A.** Training biomedical researchers to effectively collaborate with data scientists. Presented at Force2019, 2019 Oct 16-17; Edinburgh, Scotland.

3. **Surkis A**, Han B, Lamb I, Spore S. Building a Conflict of Interest Disclosure Tool. Presented at Medical Library Association Annual Meeting, 2019 May 4-8; Chicago IL.

4. Contaxis N, Taylor L, **Surkis A**, Read KB. Creating Institution-Specific Resources on Data Transfer and Data Sharing. Presented at Medical Library Association Annual Meeting, 2019 May 4-8; Chicago IL.

5. **Surkis A**, LaPolla F, Read K, Butler M, Contaxis N. Designing and Teaching a Hands-on Reproducibility Workshop in REDCap and R. Presented at Medical Library Association Annual Meeting, 2019 May 4-8; Chicago IL.

6. **Surkis A**, Read KB. Supporting Data Harmonization and Discovery in the BRAIN Initiative. Presented at Medical Library Association Annual Meeting, 2019 May 4-8; Chicago IL.

7. LaPolla F, Read KB, Contaxis N, **Surkis A**. Improvements to Assessment of Library-Led Doctoral Class Lead to Insights into Library Programming. Presented at Medical Library Association Annual Meeting, 2019 May 4-8; Chicago IL.

8. Major V, **Surkis A**, Aphinyanaphongs Y. Utility of General and Specific Word Embeddings for classifying Translational Stages of Research. Presented at AMIA 2018 Annual Symposium, 2018 Nov 3-7, San Francisco, CA.

9. **Surkis A**, Read KB. A Pilot Project to Facilitate the Development of Data Services at Health Sciences Libraries. Presented at Medical Library Association Annual Meeting, 2018 May18-23; Atlanta, GA.

10. Read KB, Contaxis N, Lamb I, Larson C, **Surkis A.** Leading the Discovery Charge: A Cross-Institutional Collaboration to Index Research Data. Presented at Medical Library Association Annual Meeting, 2018 May18-23; Atlanta, GA.

11. Contaxis N, Surkis A, Read, K. Partnering to Improve Institutional Data Policy Transparency: Leading Researchers in the Right Direction. Presented at Medical Library Association Annual Meeting, 2018 May18-23; Atlanta, GA.

12. Read KB, Contaxis N, Lamb I, Larson C, **Surkis A.** A Cross-Institutional Data Discovery Collaboration: Indexing Institutional Research Data Presented at AMIA Informatics Summit, 2018 Mar 12-15; San Francisco, CA.

13. **Surkis A**, Larson C, Yacobucci K, Oh SY, Paul S, Gillespie C, Read KB. Online Research Data Management Training Modules for Health Sciences Librarians. Paper presented at Medical Library Association Annual Meeting, 2017 May 26-31; Seattle, WA.

14. **Surkis A**, LaPolla FWZ, Contaxis N, Read KB. Rigor and Reproducibility Opens the Door for a Required Library Course for Doctoral (PhD) Students. Paper presented at Medical Library Association Annual Meeting, 2017 May 26-31; Seattle, WA.

15. **Surkis A**, Read KB, Nicholson J, Spore S. Daring to Move Beyond the H-index: Communicating Researcher Impact with the Relative Citation Ratio. Paper presented at Medical Library Association Annual Meeting, 2017 May 26-31; Seattle, WA.

16. Contaxis N, **Surkis A**, LaPolla FWZ, Read KB. Dreaming of Datasets: Outreach Strategies for an Institutional Data Catalog. Paper presented at Medical Library Association Annual Meeting, 2017 May 26-31; Seattle, WA.

17. Read KB, Larson C, Yacobucci K, Oh SY, Paul S, Gillespie CC, **Surkis A.** Preparing medical librarians to understand and teach research data management. Paper presented at BD2K All Hands Meeting, 2016 Nov 29-30; Bethesda, MD.

18. **Surkis A**, Larson C, Yacobucci K, Oh SY, Paul S, Gillespie C, Read KB. Extending the BD2K training initiative to biomedical librarians. Paper presented at SciDataCon, 2016 Sep 11-13; Denver CO.

19. Read KB, Lamb I, Contaxis N, LaPolla FWZ, Larson C, **Surkis A.** Fork this: encouraging data discovery and federated searching via an institutional data catalog. Paper presented at SciDataCon, 2016 Sep 11-13; Denver CO.

20. **Surkis, A.**, Read, K.B., Athens, J., Lamb, I., Nicholson, J., Chin, S., Xu, J., Hanson, K., Larson, C. Building a Data Catalog: Promoting Data Reuse and Collaboration at an Academic Medical Center. Paper presented at Medical Library Association Annual Meeting, 2015 May 15-20; Austin, TX.

21. **Surkis A**, Read KB, Lamb I, Larson C. Developing a Workflow to Facilitate Data Sharing in a Neuroscience Lab. Paper presented at Medical Library Association Annual Meeting, 2015 May 15-20; Austin, TX.

22. **Surkis A**, Bakker T, Hanson K, Nicholson J, Rambo N. Development of a CTSI core as a springboard for expanding library data services. Paper presented at Medical Library Association Annual Meeting, 2014 May 16-21; Chicago, IL.

23. Hanson KL, **Surkis A.** Introducing researchers to data management: Pedagogy and strategy. Paper presented at Medical Library Association Annual Meeting, 2013 May 3-8; Boston, MA.

24. McCrillis A, **Surkis A,** Vieira D, Beam PS, O'Grady T. Survival and Success Beyond Graduate School: Improving Library Services to Postdoctoral Researchers. Paper presented at Medical Library Association Annual Meeting, 2012 May 18-23; Seattle, WA.

Conference Poster Presentations

1. Contaxis N, Lamb I, **Surkis A**, Read KB. Using the PubMed Central Data Availability Statement Search Filter and an Institutional Data Catalog to Make Data More Discoverable. Presented at Medical Library Association Annual Meeting, 2019 May 4-8; Chicago IL.

2. Contaxis N, Langford A, Aphinyanaphongs Y, **Surkis A.** Training Biomedical Researchers to Collaborate Effectively with Data Scientists. Presented at AMIA Informatics Summit, 2018 Mar 12-15; San Francisco, CA.

3. Major V, **Surkis A**, Aphinyanaphongs Y. Optimizing Parameters of word2vec for a Text Classification Task. Presented at AMIA Annual Symposium, 2017 Nov 4-8; Washington, DC.

4. Spore, S, Larson, C, Contaxis, N, Han, B, Lamb, I., McCrillis, A., LaPolla, F.W.Z., Read, K.B., **Surkis, A.** The Faculty Publication Metrics Project (FPM) at the New York University (NYU) Health Sciences Library. Presented at Medical Library Association Annual Meeting, 2017 May 26-31; Seattle, WA.

5. Hanson K, **Surkis A**, Bakker T. Local research resource discovery and sharing: how will eagle-i fly? Presented at Medical Library Association Annual Meeting, 2014 May 16-21; Chicago, IL.

6. Melnyk H, **Surkis A**, Kaul N, Czeisler E. Capturing the full spectrum of protocol support services with publication tracking. Poster presented at Clinical Research Management Workshop, 2013 June; Washington, D.C.

7. **Surkis A**, Hanson KL, Fung R, Aphinyanaphongs Y. A collaborative tool for improving the quality of grant aims. Presented at Medical Library Association Annual Meeting, 2013 May 3-8; Boston, MA.

8. **Surkis A**, Hayer R, Gillespie CC. Coding Translational Research: Going Beyond T1/T2/T3. Presented at Medical Library Association Annual Meeting, 2012 May 18-23; Seattle, WA.

9. McCrillis A, **Surkis A**, Vieira D, Beam PS, O'Grady T. Reaching out to an Underserved Academic Community: Focus Groups with Postdoctoral Researchers. Presented at Medical Library Association Annual Meeting, 2013 May 18-23; Seattle, WA.